

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: **Shinji HIRAI et al.**

Art Unit: **1795**

Application Number: **10/540,523**

Examiner: **John C. Ball**

Filed: **January 3, 2006**

Confirmation Number: **5341**

For: **COOLING DEVICE FOR ELECTRONIC COMPONENT USING THERMO-ELECTRIC CONVERSION MATERIAL**

Attorney Docket Number: **052668**

Customer Number: **38834**

**AMENDMENT UNDER 37 C.F.R. § 1.111**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

September 29, 2009

Sir:

This paper is filed in response to the Office Action dated July 16, 2009.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 4 of this paper.